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## PATENT ABSTRACTS OF JAPAN

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(21)Application number : 08-332677 (71)Applicant : HIRATA KIYOMI  
(22)Date of filing : 07.11.1996 (72)Inventor : HIRATA KIYOMI

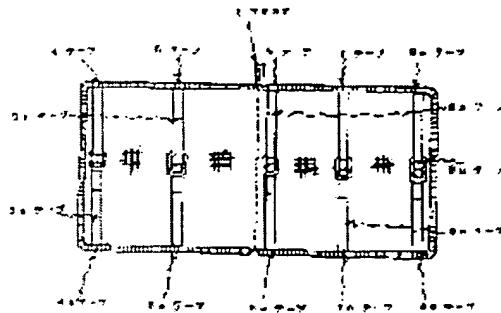
(30)Priority  
Priority number : 08135658 Priority date : 22.04.1996 Priority country : JP

## (54) WASHING NET

## (57)Abstract:

PROBLEM TO BE SOLVED: To provide a washing net in which the washing such as a washable kimono and an undergarment for a kimono can be washed in a washer in whole without generating deformation, stitch loosening, wrinkles, or other damage.

SOLUTION: A device is provided with a net main body of mesh in a symmetric form about a folding side, an opening/closing mechanism to close peripheral parts of the main body combined with each other as the net main body is folded, and plural tape type presser members having fastening/unfastening mechanisms provided at target positions on the inner side of the net main body to be roughly parallel to the folding side. A margin to sew up is wrapped by a bias tape.



## LEGAL STATUS

[Date of request for examination]

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[Date of final disposal for application]

[Patent number]

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[Date of extinction of right]

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**CLAIMS**

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[Claim(s)]

[Claim 1] A wash network which becomes with a prevention implement of the shape of a tape which has an attachment-and-detachment device which are prepared in a closing motion device for closing a periphery of a main part of a network of a mesh ground which is the target configuration, and a main part of a network which lapped where this main part of a network is turned up bordering on the clinch side, and a part of arbitration inside a main part of a network, and becomes almost parallel to the clinch side. [ two or more ]

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[Translation done.]

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## DETAILED DESCRIPTION

## [Detailed Description of the Invention]

[0001]

[Industrial Application] Wear, underkimono with which this invention was made from polyester, nylon, etc., The wear to which mold collapse of kimono supplies, such as \*\*\*\*\*, a fray, a wrinkling, a bruise, etc. are made as for washing [ which was being taken out to the former cleaning store ] whole since it is easily washable with a washer, \*\*\*\*\* and Since it can wash while it can wash at home using a washer and underkimono had also attached the collar by being easily washable with a washer, it is related with the wash network which a collar can attach and can also save the time and effort of \*\*.

[0002]

[Description of the Prior Art] Although the wash network was used when kimono supplies, such as wear, underkimono, etc. which were made from polyester, nylon, etc., were conventionally washed with the washer which was being washed with the restroom or the washer. Although the washed kimono supply had much migration in the network during wash, and washing whole could do wear etc. since mold collapse, a fray of an armhole, a wrinkling, etc. were made, it had to take out to the cleaning store in many cases, and the substitute collar of underkimono also had to be changed at once on the 2nd.

[0003]

[Problem(s) to be Solved by the Invention] Although it was able to put into the washer and was able to wash by the form where the washing, such as wear, was protected once, in the conventional wash network since it did not become entangled with other washing when the washing, such as wear, was washed There was much migration of the washing, such as wear, during wash in a network, since mold collapse, a fray, a wrinkling, etc. were made, although wear was made, it could not be easily washed with a washer, either, but it was almost taken out to the cleaning store, and the substitute collar of underkimono always needed to be attached and washing whole needed to replace it. This invention is made in order to solve the above defect.

[0004]

[Means for Solving the Problem] A wash network which becomes with a prevention implement of the shape of a tape which has an attachment-and-detachment device which are prepared in a closing motion device for closing a periphery of a main part of a network of a mesh ground which is the target configuration, and a main part of a network which lapped where this main part of a network is turned up bordering on the clinch side, and a part of arbitration inside a main part of a network, and becomes almost parallel to the clinch side. [ two or more ] This invention is a wash network which becomes by the above configuration.

[0005]

[Function] When using this invention, if the closing motion device currently installed in the periphery of the main part of a network is opened, will open the main part of a network horizontally. Remove the prevention implement of the shape of a tape which has the attachment-and-detachment device prepared in the main part of a network opened horizontally. The wear folded into the rectangle like drawing 3 on the main part of a network which removed the prevention implement of the shape of a tape which has an attachment-and-detachment device. Place the center section of the washing, such as underkimono, and set the tape currently installed in ends by the thickness of the washing, and it connects. Fold the washing which remains in both sides inside, set the remaining tapes by the thickness of the washing and connect. By fixing the washing with the prevention implement of the shape of a tape which has an attachment-and-detachment device which closes the closing motion device which folds the boundary of the clinch side of the main part of a network, and is installed in a periphery Although the washing which migration of the washing is pressed down in a network to the minimum, and prevents mold collapse, a fray, a wrinkling, a bruise, etc. during wash, can put into a washer together with other washing, and can be washed is being fixed in the network During wash, since a detergent passes through the inside of a network and dirt is easily washable with the washer dropped finely, the direction washed rather than underkimono also changes a collar can save time and effort.

[0006]

[Example] Hereafter, the example of this invention is explained.

I and a network (1) network (1a) are sewn up, and a fastener (3) is formed in the portion of opening (2) to opening (2a) at the character type of KO.

A tape (9) is prepared in (4) (4a) from which a tape becomes respectively parallel inside network (1) network (1a) as shown in RO and drawing 2, (5) (5a), (6) (6a), (7) (7a), (8), and (8a). and \*\* cost is wrapped in them with bias tape.

In Ha and drawing 2, the tape with D can (9a) is used for a tape (9).

the network of an eye with the fine raw material of N1 and a network -- oh, although it lets the network of \*\*\*\*\*, a cushion network, and a detergent pass, dyeing has a network, an antibacterial treatment network, etc. which it does not let pass.

The raw material of HO and a tape has a cotton tape, an acrylic tape, a polyester tape, a nylon tape, a rubber tape, etc. This invention has become by the above configuration. If HE and the fastener (3) installed in the network (1) network (1a) are opened from opening (2) to opening (2a) when using this invention, a network (1) network (1a) will be opened horizontally.

The washing folded into the rectangle like drawing 3 . such as wear (12) and underkimono, is placed like drawing 4 after the network which removed and extended the inlet connection of each tape (9a) currently installed in TO and the network (1) network (1a) opened horizontally, and the tape (9a) currently installed by (4) (4a), (8), and (8a) is set by the thickness of the washing, and it connects.

The washing, such as CHI, wear (12) which remained in the ends of a network, and underkimono, is folded inside like drawing 5 , and the

tape (9a) currently installed in (5) (5a), (6) (6a), (7), and (7a) is set by the thickness of the washing, and it connects, and fixes to a network. It breaks inside in Li and the clinch side of the center of a network (1) network (1a), and a fastener (3) is used as opening (2) from opening (2a) at the state diagram 6 of return origin.

By fixing the washing on NU and a tape (9a), during wash, migration of the washing in a network is pressed down to the minimum, prevents mold collapse, a fray, a wrinkling, a bruise, etc., and they can be put into a washer together with other washing, and it can cleanse them.

When the washing which put into RU and the main part of a network, and was washed shortens dehydration time amount, a chip box wrinkling decreases.

Liquid detergent is attached to O and the part where especially dirt is severe, or soaking washing is carried out to it.

[0007] Drawing which used the closing motion device as the fastener (3) in the example shown in drawing 1.

[0008] Drawing which used the tape (9a) which attached D \*\*\*\* for the tape (9) in the example shown in drawing 4 and drawing 5, and fixed the washing to the network.

[0009] Drawing in which the tape (9a') is provided in the example shown in drawing 7 so that it may become said tape (9a) and right angle.

[0010] In the example shown in drawing 8, it installs so that a part for opening may be opened in the direction of each opening (2) (2a) from a center using a fastener (3a) fastener (3b).

[0011] In the example shown in drawing 9, the pocket (10) from which accessories etc. are put in together and can be washed inside a network (1) is installed.

[0012] In the example shown in drawing 10, covering (11) is installed the inner circumference side of opening of a network so that it can insert into the interior side of a network, so that the washing may not be damaged with a fastener (3).

[0013] In the example shown in drawing 11, a tape (9b) with a carbon button (13) and a buttonhole (14) is installed in the tape (9) of (4) (4a), (5) (5a), (6) (6a), (7) (7a), (8), and (8a).

[0014] In the example shown in drawing 12, a tape with hook (15) (9c) is installed in the tape (9) of (4) (4a), (5) (5a), (6) (6a), (7) (7a), (8), and (8a).

[0015] In the example shown in drawing 13, a tape (9d) with field fastener (16) is installed in the tape (9) of (4) (4a), (5) (5a), (6) (6a), (7) (7a), (8), and (8a).

[0016] In the example shown in drawing 14, a buckle (17) is used for the inlet connection of a tape, and the tape with buckle (18) buckle (19) (9e) which can adjust length for one of the two is installed in the tape (9) of (4) (4a), (5) (5a), (6) (6a), (7) (7a), (8), and (8a).

[0017] The number of tapes (9) is changed and installed in the example shown in drawing 15.

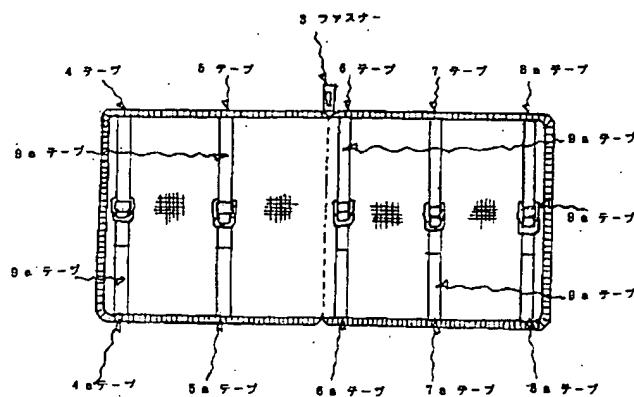
[0018]

[Effect of the Invention] Kimono supplies, such as the wear and the underkimono which were made from polyester, nylon, etc. by using this invention, and \*\*\*\*\* Since there are also no worries about mold collapse, a fray, a wrinkling, a bruise, etc. and it can do washing whole easily together with other washing, Since it can wash while there is also no need of taking out to a cleaning store each time and underkimono had also attached the collar, if the time and effort of a replacement of a collar can also be saved and size is made into several kinds Wear and not only underkimono but when preventing mold collapse of most domestic washing, a wrinkling, a bruise, etc. and taking out the washing after dehydration, in order to take out the network with which close [ of the washing ] is separately. The time and effort of the iron credit after the washing is involved, and there is also almost no wrinkling stretch when not damaging the washing and hanging it out to dry by \*\* etc. and getting dry is also reduced by half.

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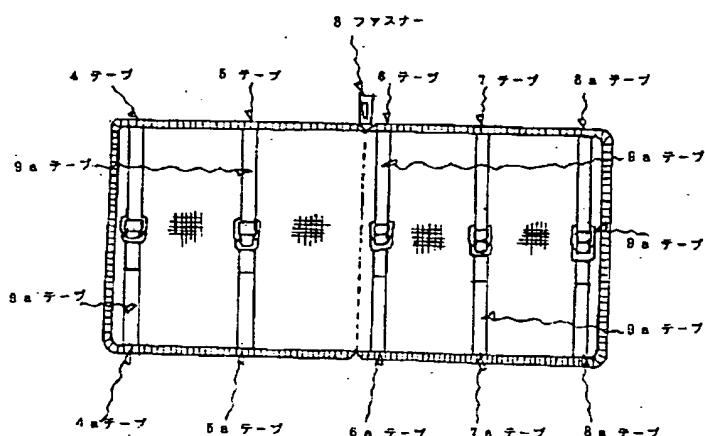
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Drawing selection Representative drawing



[Translation done.]

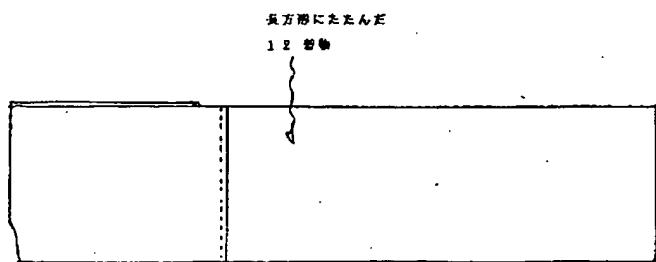
Drawing selection drawing 2



[Translation done.]

Drawing selection drawing 3

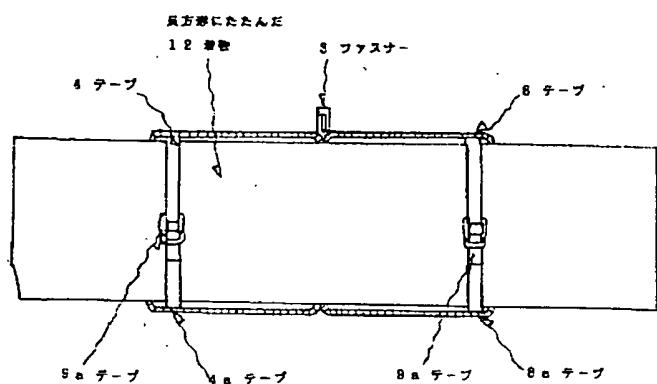
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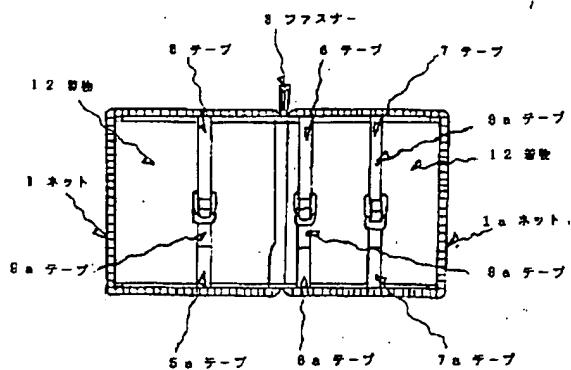
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Drawing selection drawing 4



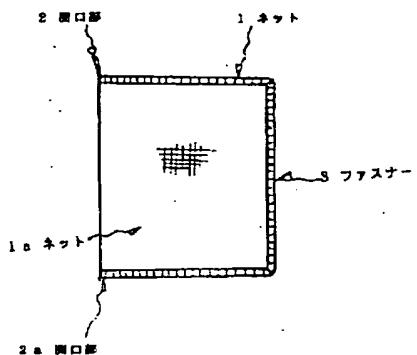
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Drawing selection drawing 5



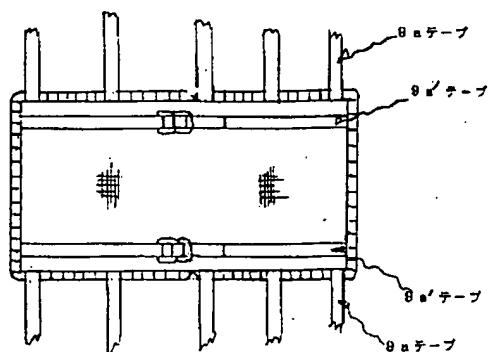
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Drawing selection drawing 6



[Translation done.]

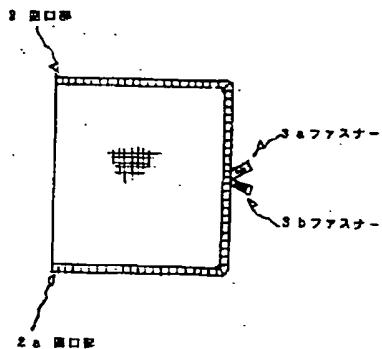
Drawing selection drawing 7



[Translation done.]

Drawing selection drawing 8

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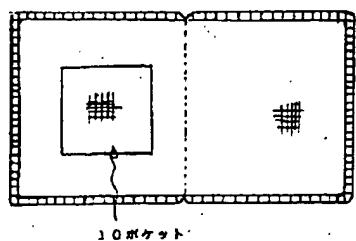


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[Translation done.]

Drawing selection drawing 9

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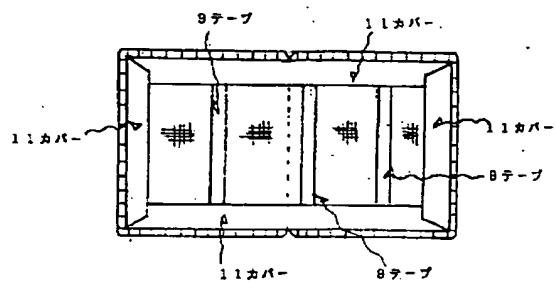


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[Translation done.]

Drawing selection drawing 10

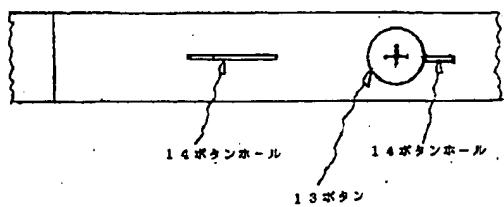
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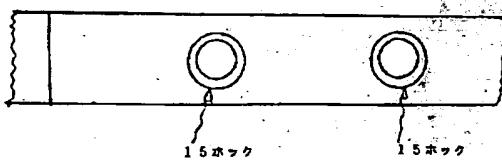
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Drawing selection drawing 11



[Translation done.]

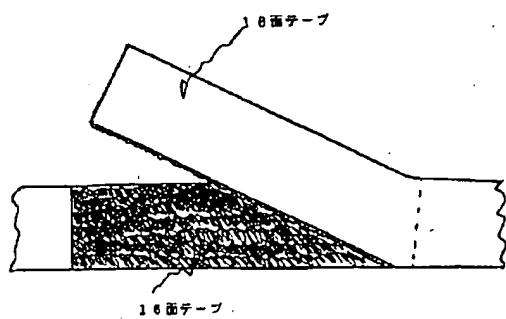
Drawing selection drawing 12



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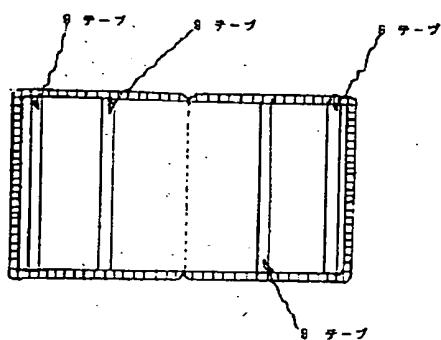
Drawing selection drawing 13

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[Translation done.]

Drawing selection drawing 15



[Translation done.]